

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2011 Levee Inspection Results**

**Reclamation District No. 2075 McMullin**

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|                                  | Spring<br>(March - May) | Summer **<br>(June - August) | Fall<br>(September - November) | Winter **<br>(December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) |                         |                              |                                |                                    |

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 2075 McMullin**

| Waterway                      | Bank  | Unit Miles |
|-------------------------------|-------|------------|
| Unit No. 01 San Joaquin River | Right | 7.52       |

|  | Spring<br>(March - May)                        | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
|--|--|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating<br>(Fall Only) |  |                           |                                |                                 |
| Date of Inspection                     | 4/6/2011 - 4/6/2011                            |                           |                                |                                 |
| DWR Inspector                          | Herman Phillips                                |                           |                                |                                 |
| Accompanied By                         | Mr. Eddie Cordoza<br>Reclamation District 2075 |                           |                                |                                 |
|  | Lorin Hayworth                                 |                           |                                |                                 |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2075 McMullin**

| Waterway                      |            |      |               |                                       |          | Bank   | Unit Miles  | Inspection Start/End         |                              | Inspector          |
|-------------------------------|------------|------|---------------|---------------------------------------|----------|--------|---|------------------------------|------------------------------|--------------------|
| Unit No. 01 San Joaquin River |            |      |               |                                       |          | Right  | 7.52  | 04/06/2011<br>04/06/2011     |                              | Herman Phillips    |
| LMR No.                       | Levee Mile |      | Category      | Item                                  | Location | Rating | Action/Comment  | GPS Latitude/Longitude       |                              | Issue No.<br>Photo |
|                               | Start      | End  |               |                                       |          |        |   | Start                        | End                          |                    |
| 1                             | 0.00       | 0.00 | Earthen Levee | Vegetation                            | LS       | A      | Control annual grass and weeds on the levee slopes and easements.   | °                            | °                            | 13<br>Y            |
| 2                             | 0.00       | 0.00 | Earthen Levee | Vegetation                            | WS       | A      | Control annual grass and weeds on the levee slopes and easements.   | °                            | °                            | 17<br>Y            |
| 3                             | 0.09       | 0.09 | Earthen Levee | Vegetation                            | WS       | C      | Remove the wild growth other than native grasses from the levee slopes.   | 38.734580 °<br>-121.288559 ° | 38.734580 °<br>-121.288559 ° | 15                 |
| 4                             | 0.09       | 0.09 | Earthen Levee | Vegetation                            | WS       | C      | Remove the wild growth other than native grasses from the levee slopes.   | 38.734580 °<br>-121.288559 ° | 38.734580 °<br>-121.288559 ° | 16                 |
| 5                             | 1.11       | 1.16 | Earthen Levee | Encroachments                         | LS       | PO     | Agricultural Ditch  | 37.738457 °<br>-121.281812 ° | 37.737835 °<br>-121.281708 ° | 1                  |
| 6                             | 1.19       | 1.20 | Earthen Levee | Trim / Thin Trees                     | LS       | M      | Trim trees to at least five feet above ground level.  | 37.737462 °<br>-121.281638 ° | 37.737322 °<br>-121.281563 ° | 3                  |
| 7                             | 1.26       | 1.44 | Earthen Levee | Encroachments                         | LS       | PO     | Agricultural Ditch  | 37.736473 °<br>-121.281585 ° | 37.735173 °<br>-121.284033 ° | 4                  |
| 8                             | 1.32       | 1.32 | Earthen Levee | Trim / Thin Trees                     | LS       | M      | Trim trees to at least five feet above ground level.  | 37.735710 °<br>-121.282315 ° | 37.735710 °<br>-121.282315 ° | 5                  |
| 9                             | 1.41       | 1.41 | Earthen Levee | Trim / Thin Trees                     | WS       | M      | Trim trees to at least five feet above ground level.  | 37.735277 °<br>-121.283537 ° | 37.735277 °<br>-121.283537 ° | 6                  |
| 10                            | 2.32       | 2.32 | Earthen Levee | Trim / Thin Trees                     | WS       | M      | Trim trees to at least five feet above ground level.  | 37.731507 °<br>-121.293760 ° | 37.731507 °<br>-121.293760 ° | 7                  |
| 11                            | 2.73       | 2.73 | Earthen Levee | Crown Surface / Depressions / Rutting | WS       | M      | Inspector Comments: This item was identified with an Unacceptable rating in the USACE PI report (MCMU_2009_a_0096). Reinspect on 12/2/10 revealed that repairs were made as indicated in the 11/8/10 letter from KSN, however new depressions present.  | 37.725810 °<br>-121.294645 ° | 37.725810 °<br>-121.294645 ° | 18<br>Y            |
| 12                            | 5.34       | 5.35 | Supplemental  | DWR Erosion Survey                    | WS       | U      | Inspector Comments: 10/05/2010: No significant changes observed on site. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee.<br>08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.<br>[2010 SiteID: RD2075U01RM64.34] | 37.727933 °<br>-121.274491 ° | 37.727933 °<br>-121.274491 ° | 2<br>Y             |
| 13                            | 5.62       | 5.62 | Earthen Levee | Trim / Thin Trees                     | WS       | N      | Tree stumps.  | 37.724947 °<br>-121.271103 ° | 37.724947 °<br>-121.271103 ° | 8                  |
| 14                            | 6.52       | 6.55 | Earthen Levee | Encroachments                         | LS       | PO     | Agricultural Ditch  | 37.717362 °<br>-121.258437 ° | 37.719107 °<br>-121.258697 ° | 9                  |
| 15                            | 6.68       | 6.87 | Earthen Levee | Encroachments                         | LS       | PO     | Agricultural Ditch  | 37.717362 °<br>-121.258437 ° | 37.714633 °<br>-121.258737 ° | 10                 |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2075 McMullin**

| Waterway                      |  |  |  |  |  | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|-------------------------------|--|--|--|--|--|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River |  |  |  |  |  | Right | 7.52       | 04/06/2011<br>04/06/2011 | Herman Phillips |

  

| LMIR No. | Levee Mile |      | Category      | Item              | * Location | ** Rating | Action/Comment     | GPS Latitude/Longitude       |                              | Issue No. |
|----------|------------|------|---------------|-------------------|------------|-----------|--------------------|------------------------------|------------------------------|-----------|
|          | Start      | End  |               |                   |            |           |                    | Start                        | End                          | Photo     |
| 16       | 6.93       | 7.00 | Earthen Levee | Encroachments     | LS         | PO        | Agricultural Ditch | 37.714010 °<br>-121.259605 ° | 37.713777 °<br>-121.260675 ° | 11        |
| 17       | 7.01       | 7.01 | Earthen Levee | Trim / Thin Trees | WS         | N         | Tree stumps.       | 37.713815 °<br>-121.260743 ° | 37.713815 °<br>-121.260743 ° | 12        |

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|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 7.52       | 04/06/2011<br>04/06/2011 | Herman<br>Phillips |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 1             |
| Start Levee Mile       | 0.00          |
| End Levee Mile         | 0.00          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

This picture shows the landside where District has sprayed the weeds along the levee slopes. Photo was taken 4-6-2011.

phillips\_s\_20110411\_240.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 2             |
| Start Levee Mile       | 0.00          |
| End Levee Mile         | 0.00          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

Standing downstream from gate at levee mile 0.00 looking downstream along waterside levee slope. Weeds have been sprayed. Photo taken 4-6-2011.

phillips\_s\_20110411\_241.jpg



|                        |  |
|------------------------|--|
| Levee Mile Report Line | 11                                       |
| Start Levee Mile       | 2.73                                     |
| End Levee Mile         | 2.73                                     |
| Location               | Water Side                               |
| Category               | Earthen Levee                            |
| Item                   | Crown Surface /<br>Depressions / Rutting |

Photo taken from crown looking down waterside slope during 12/2/2010 reinspection. Repairs were made to depressions on levee slope as indicated in KSN letter. Since then, vehicular traffic has created new ruts in repaired area approximately 1 to 6 inches in depth.

phillips\_s\_20110228\_140.jpg



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|                        |  |
|------------------------|--|
| Levee Mile Report Line | 11                                       |
| Start Levee Mile       | 2.73                                     |
| End Levee Mile         | 2.73                                     |
| Location               | Water Side                               |
| Category               | Earthen Levee                            |
| Item                   | Crown Surface /<br>Depressions / Rutting |

Photo taken during 12/2/10 reinspection from the waterside. Depressions from vehicle traffic made in previously repaired area.

phillips\_s\_20110228\_141.jpg



|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 12                 |
| Start Levee Mile       | 5.34               |
| End Levee Mile         | 5.35               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Looking upstream of site towards the levee crown.

phillips\_s\_20110228\_134.jpg



|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 12                 |
| Start Levee Mile       | 5.34               |
| End Levee Mile         | 5.35               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Looking upstream of site at the leaning tree.

phillips\_s\_20110228\_135.jpg



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|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 12                 |
| Start Levee Mile       | 5.34               |
| End Levee Mile         | 5.35               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Looking upstream of site towards the levee crown.

phillips\_s\_20110228\_136.jpg



|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 12                 |
| Start Levee Mile       | 5.34               |
| End Levee Mile         | 5.35               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

View of the affected tree from the levee crown.

phillips\_s\_20110228\_137.jpg



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